



RECEIVED
APR 25 2002
TECH CENTER 1600/2900
PATENT
1752-0111R

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Akio INOUE et al. Conf.: 8894
Appl. No.: 09/983,067 Group: 1614
Filed: October 23, 2001 Examiner: UNKNOWN
For: PROCESS FOR PRODUCING PEPTIDES BY USING
IN VITRO TRANSCRIPTION/TRANSLATION
SYSTEM

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION AFTER FILING OF AN APPLICATION
BUT BEFORE FINAL REJECTION OR NOTICE OF ALLOWANCE
OR CONCURRENTLY WITH A RULE 53(d) CPA APPLICATION
OR WITH A RULE 1.114 RCE APPLICATION)

Assistant Commissioner for Patents
Washington, DC 20231

April 24, 2002

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449(s), attached hereto.

II. COPIES (check at least one box)

- a. ☒ Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b. ☐ Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should already be in the PTO file. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

a. ☒ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

b. ☒ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

Partial translations provided for JP7-110236B2; JP4-200390A; KIGAWA et al. 44:598-605 (1999); CHIKAZUMI et al. 8:749-759 (1991) and YASUMITSU et al. 5-2:139-161 (1999).

c. ☐ **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

FEEES

IV. ☒ THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b):
(check one box)

- a. ☐ within three months of the filing date of a national application (37 C.F.R. § 1.97(b)(1)). No fee or statement is required. (This section is not to be used with RCE's and CPA's).
- b. ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or statement is required.
- c. ☐ concurrently with the filing of a Continued Prosecution Application under 37 C.F.R. § 1.53(d) or concurrently with the filing of a Request for Continued Examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.
- d. ☒ before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or statement is required.
In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the statement under 37 C.F.R. § 1.97(e) below, or, if no statement has been made, charge our deposit account in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

V. ☐ THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):
(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c)(1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c)(2)).

- a. ☐ No statement; therefore, a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).
or
- b. ☐ See the statement below. No fee is required.

VI. STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby states that

- a. ☐ each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the IDS.
- c. ☐ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

VII. PAYMENT OF FEES (check one box)


- ☐ A check in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p) is enclosed for the above-identified fee.
- ☐ Please charge Deposit Account No. 02-2448 in the amount required by 37 C.F.R. § 1.17(p) for the above-indicated fee. A triplicate copy of this paper is attached.
- ☒ No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By: 
Gerald M. Murphy, Jr., #28,977

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

KLR
GMM/KLR/jms
1752-0151P

Enclosures: ☒ PTO-1449
☒ Documents
☐ Foreign Search Report
☐ Fee
☐ Other:

(Rev. 10/31/01)

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

ATTY DOCKET NO.
1752-0151PAPPLICATION NO.
09/983,067APPLICANT
Akio INOUE et al.FILING DATE
October 23, 2001GROUP
1614

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	5,478,730	1995-12-26	ALAKHOV et al.			

FOREIGN PATENT DOCUMENTS

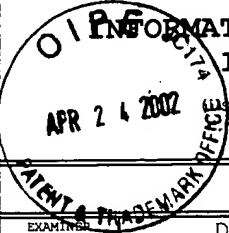
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
	WO 90/05785A1	1990-05-31	WO				
	WO 91/05058A1	1991-04-18	WO				
	JP7-110236B2	1995-11-29	JAPAN			Partial	
	JP4-200390A	1992-07-21	JAPAN			Partial	

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

	Lutz JERMUTUS et al., Current Opinion in Biotechnology, Vol. 9, (1998), pp.534-548.
	Wolfgang STIEGE et al., Journal of Biotechnology, Vol. 41, (1995), pp.81-90.
	Elizabeth A. BURKS et al., Proc. Natl. Acad. Sci. USA, Vol. 94, (January 1997), pp. 412-417.
	Kirill A. MARTEMYANOV et al., FEBS Letters, Vol. 414, (1997), pp.268-270.
	David MENDEL, Annu. Rev. Biophys. Biomol. Struct., Vol. 24, (1995), pp.435-462.
	Mingyue HE et al., Journal of Immunological Methods, Vol. 231, (1999), pp.105-117.
	Christiane SCHAFFITZEL et al., Journal of Immunological Methods, Vol. 231, (1999), pp.119-135.
	Richard W. ROBERTS, Current Opinion in Chemical Biology, Vol. 3, (1999), pp.268-273.
	Bruce M. PATERSON et al., Proc. Natl. Acad. Sci. USA, Vol. 74, No. 10, (October 1977), pp.4370-4374.
	Eva J. HELMERHORST et al., FEBS Letters, Vol. 449, (1999), pp.105-110.
	Jozef HANES et al, Proc. Natl. Acad. Sci. USA, Vol. 95, (November 1998), pp.14130-14135.
	Jozef HANES et al., Proc. Natl. Acad. Sci. USA, Vol. 94, (May 1997), pp.4937-4942.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Form PTO-1449		ATTY DOCKET NO. 1752-0151P		APPLICATION NO. 09/983,0	
 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		APPLICANT Akio INOUE et al.		FILING DATE October 23, 2001	
		GROUP 1614		TECH CENTER 1500/2500	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
FOREIGN PATENT DOCUMENTS					
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)					
Deborah A. STEEGE, RNA (2000), Vol. 6, pp.1079-1090.					
S.V. MATVEEV et al., Biochem. Biophys. Acta, Vol. 1293, (1996), pp.207-212.					
Yoshihisa KITAOKA et al., Journal of Biotechnology, Vol. 48, (1996), pp.1-8.					
Joseph D. MOSCA et al., Biochemistry, Vol. 22, (1983), pp.346-354.					
John A. HUCUL et al., The Journal of Biological Chemistry, Vol. 260, No. 29, (December 15, 1985), pp.15585-15591.					
Shui-Liang YAO et al., Journal of Fermentation and Bioengineering, Vol. 84, No. 1, (1997), pp.7-13.					
Yasuaki KAWARASAKI et al., Journal of Biotechnology, Vol. 61, (1998), pp.199-208.					
Nicholas D. HASTIE et al., Proc. Natl. Acad. Sci. USA, Vol. 75, No. 3, (March 1978), pp.1217-1221.					
Hsiang-Fu KUNG et al., The Journal of Biological Chemistry, Vol. 252, No. 19, (October 10, 1977), pp.6889-6894.					
R.H. GREEN et al., Biochemical and Biophysical Research Communications, Vol. 126, No. 2, (January 31, 1985), pp.792-798.					
Michael Yu. PAVLOV et al., Archives of Biochemistry and Biophysics, Vol. 328, No. 1, (April 1, 1996), pp.9-16.					
Michael Yu. PAVLOV et al., J. Mol. Biol., Vol. 273, (1997), pp.389-401.					
EXAMINER			DATE CONSIDERED		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

Form PTO-1449

ATTY DOCKET NO.
1752-0151P

APPLICATION NO.
09/983,066

APPLICANT
Akio INOUE et al.

FILING DATE
October 23, 2001

GROUP
1614

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(See several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

	Kathy BOON et al., Eur. J. Biochem., Vol. 210, (1992), pp.177-183.
	Kevin S. WILSON et al., Cell, Vol. 92, (1998), pp.131-139.
	Yu-Wen HWANG et al., Archives of Biochemistry and Biophysics, Vol. 348, No. 1, (December 1, 1997), pp.157-162.
	Koichi ITO et al., Proc. Natl. Acad. Sci. USA, Vol. 95, (July 1998), pp.8165-8169.
	Armin LECHLER et al., Protein Expression and Purification, Vol. 8, (1996), pp.347-357.
	Takanori KIGAWA et al., Proteins, Nucleic Acid and Enzymes/Partial Translation, Vol. 44, (1999), pp.598-605.
	Nobutoshi CHIKAZUMI et al., Bio Industry/Partial Translation, Vol. 8, (1991), pp.749-759.
	Poul NISSEN et al., SCIENCE, Vol. 289, (August 11, 2000), pp.920-930.
	Claudio O. GUALERZI et al., Biochemistry, Vol. 29, No. 25, (June 26, 1990), pp.5881-5889.
	Tillmann PAPE et al., The EMBO Journal, Vol. 17, No. 24, (1998), pp.7490-7497.
	Rajendra K. AGRAWAL et al., Nature Structural Biology, Vol. 6, No. 7, (July 1999), pp.643-647.
	Marina V. RODNINA et al., FEMS Microbiology Reviews, Vol. 23, (1999), pp.317-333.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

ATTY DOCKET NO.
1752-0151PAPPLICATION NO.
09/983,000**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(See several sheets if necessary)

APPLICANT
Akio INOUE et al.FILING DATE
October 23, 2001GROUP
1614**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

	David V. FREISTROFFER et al., The EMBO Journal, Vol. 16, No. 13, (1997), pp.4126-4133.
	Michael Yu. PAVLOV et al., The EMBO Journal, Vol. 16, No. 13, (1997), pp.4134-4141.
	Christopher FRANCKLYN et al., RNA, Vol. 3, (1997), pp.954-960.
	Osamu NUREKI et al., Proteins, Nucleic Acids and Enzymes/Partial Translation, Vol. 39, No. 7, (1994), pp.1215-1225.
	Vaidyanathan RAMESH et al., Proc. Natl. Acad. Sci. USA, Vol. 96, (February 1999), pp.875-880.
	Tanya ZARUCKI-SCHULZ et al., Proc. Natl. Acad. Sci. USA, Vol. 76, No. 12, (December 1979), pp.6115-6119.
	Eitaro YASUMITSU et al., Proteins Experiment Note/Partial Translation, Chap. 5-2, (1999), pp.139-161.
	Joshua A. BORNHORST et al., Methods in Enzymology, Vol. 326, (2000), pp.245-254.
	Patrick J. FARRELL et al., PROTEINS: Structure, Function, and Genetics, Vol. 41, (2000), pp.144-153.
	Mark A. SCHEMBRI et al., FEMS Microbiology Letters, Vol. 188, (2000), pp.147-151.
	Maris V. FONSECA et al., Journal of Bacteriology, Vol. 182, (2000), pp.4304-4309.
	Michael W. VAN DYKE et al., Gene, Vol. 111, (1992), pp.99-104.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

ATTY DOCKET NO.
1752-0151PAPPLICATION NO.
09/983,667APPLICANT
Akio INOUE et al.FILING DATE
October 23, 2001GROUP
1614**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

	David C. KASLOW et al., Bio/Technology, Vol. 12, (May 1994), pp.494-499.
	Ralf JANKNECHT et al., Gene, Vol. 121, (1992), pp.321-324.
	Arja KUUSINEN et al., Eur. J. Biochem., Vol. 233, (1995), pp.720-726.
	Ali ALEJO et al., The Journal of Biological Chemistry, Vol. 272, No. 14, (April 4, 1997), pp.9417-9423.
	Rajendar DEORA et al., Journal of Bacteriology, Vol. 179, No. 20, (October 1997), pp.6355-6359.
	Pamela J. WOODRING et al., The Journal of Biological Chemistry, Vol. 272, No. 48, (November 28, 1997), pp.30447-30454.
	Bjorn NILSSON et al., Methods in Enzymology, Vol. 185, (1990), pp.144-161.
	Robert S. MOLDAY et al., Methods in Enzymology, Vol. 294, (1999), pp.246-261.
	Arne SKERRA et al., Methods in Enzymology, Vol. 326, (2000), pp.271-304.
	A.P. ALIMOV et al., BioTechniques, Vol. 28, No. 2, (2000), pp.338-344.
	Ronald T. RAINES et al., Methods in Enzymology, Vol. 326, (2000), pp.362-376.
	Peter VAILLANCOURT et al., Methods in Enzymology, Vol. 326, (2000), pp.340-362.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

ATTY DOCKET NO.
1752-0151PAPPLICATION NO.
09/983,0APPLICANT
Akio INOUE et al.FILING DATE
October 23, 2001GROUP
1614**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

	Torbjorn GRASLUND et al., Protein Expression and Purification, Vol. 9, (1997), pp.125-132.
	Tsutomu SUETAKE et al., Protein Experiment Note/Partial Translation, Chap. 5-1, (1999), pp.162-166.
	Donald B. Smith, Methods in Enzymology, Vol. 326, (2000), pp.254-270.
	R.K. SCOPES et al., Analytical Biochemistry, Vol. 136, (1984), pp.530-534.
	Juan de Dios ALCHE et al., Protein Expression and Purification, Vol. 12, (1998), pp.138-143.
	Deepali SACHDEV et al., Methods in Enzymology, Vol. 326, (2000), pp.312-321.
	Chung-Mo PARK et al., Biochemistry, Vol. 39, (2000), pp.6349-6356.
	J.C. SMITH et al., Gene, Vol. 32, (1984), pp. 321-327.
	Sonoko KOBAYASHI et al., J. Biochem., Vol. 117, (1995), pp.758-765.
	Pierre C. JELENC et al., Proc. Natl. Acad. Sci. USA, Vol. 76, No. 7, (July 1979), pp.3174-3178
	E. Gerhart H. WAGNER et al., Eur. J. Biochem., Vol. 122, (1982), pp.193-197.
	Joanne CROW et al., Methods in Molecular Biology, Vol. 31, Chapter 35, (1994), pp.371-387.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

Form PTO-1449		ATTY DOCKET NO. 1752-0151P		APPLICATION NO. 09/983,000	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Indicate several sheets if necessary)		APPLICANT Akio INOUE et al.		FILING DATE October 23, 2001	
		GROUP 1614			
U.S. PATENT DOCUMENTS					
EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
FOREIGN PATENT DOCUMENTS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)					
	E. HOCHULI et al., Journal of Chromatography, Vol. 411, (1987), pp. 177-184.				
	Donald B. SMITH et al., Gene, Vol. 67, (1988), pp.31-40.				
	Alexander S. SPIRIN et al., SCIENCE, Vol. 242, (1998), pp.1162-1164.				
	Don-Myung KIM et al., Biotechnol. Prog., Vol. 12, (1996), pp.645-649.				
	M. Clelia GANOZA et al., Proc. Natl. Acad. Sci. USA, Vol. 82, (March 1985), pp.1648-1652.				
	Jean-Michel GUILLON et al., Journal of Bacteriology, Vol. 174, No. 13, (July 1992), pp.4294-4301.				
	Rob BENNE et al., Biochem. Biophys. Acta, Vol. 269, (1972), pp.304-310.				
	Daniel E. ATKINSON, Biochemistry, Vol. 7, (1968), pp.4030-4034.				
	Christopher J. NOREN et al., SCIENCE, Vol. 244, (1989), pp.182-188.				
	Dong-Myung KIM et al., Eur. J. Biochem., Vol. 239, (1996), pp.881-886.				
	Bernard R. GLICK et al., Proc. Natl. Acad. Sci. USA, Vol. 72, No. 11, (November 1975), pp.4257-4260.				
	Hans KOSSEL, Biochem. Biophys. Acta, Vol. 204, (1970), pp.191-202.				
EXAMINER			DATE CONSIDERED		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

TECH
RECEIVED
APR 25 2002
1600/2900

Form PTO-1449

ATTY DOCKET NO.
1752-0151PAPPLICATION
09/983,667

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

APPLICANT
Akio INOUE et al.FILING DATE
October 23, 2001GROUP
1614**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

	Jie LU et al., The International Journal of Biochemistry & Cell Biology, Vol. 31, (1999), pp.215-229.
	Hsiang-Fu KUNG et al., Proc. Natl. Acad. Sci. USA, Vol. 74, No. 8, (August 1977), pp.3217-3221.
	Peter O. OLINS et al., The Journal of Biological Chemistry, Vol. 264, No. 29, (October 15, 1989), pp.16973-16976.
	Jeffrey R. SAMPSON et al., Proc. Natl. Acad. Sci. USA, Vol. 85, (February 1988), pp.1033-1037.
	Martin POE et al., Biochemistry, Vol. 11, No. 6, (1972), pp.1023-1030.
	Robert F. SCHLEIF, J. Mol. Biol., Vol. 61, (1971), pp.275-279.
	Glenn F. SHORT III et al., Biochemistry, Vol. 38, (1999), pp.8808-8819.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.